

Plants: The Ultimate Energy Resource

California Education and the Environment Initiative

Approved by the California State Board of Education, 2010

The Education and the Environment Curriculum is a cooperative endeavor of the following entities:

California Environmental Protection Agency
California Natural Resources Agency
Office of the Secretary of Education
California State Board of Education
California Department of Education
California Integrated Waste Management Board

Key Leadership for the Education and Environment Initiative:

Linda Adams, Secretary, California Environmental Protection Agency
Patty Zwarts, Deputy Secretary for Policy and Legislation, California Environmental Protection Agency
Andrea Lewis, Assistant Secretary for Education and Quality Programs, California Environmental Protection Agency
Mark Leary, Executive Director, California Integrated Waste Management Board
Mindy Fox, Director, Office of Education and the Environment, California Integrated Waste Management Board

Key Partners:

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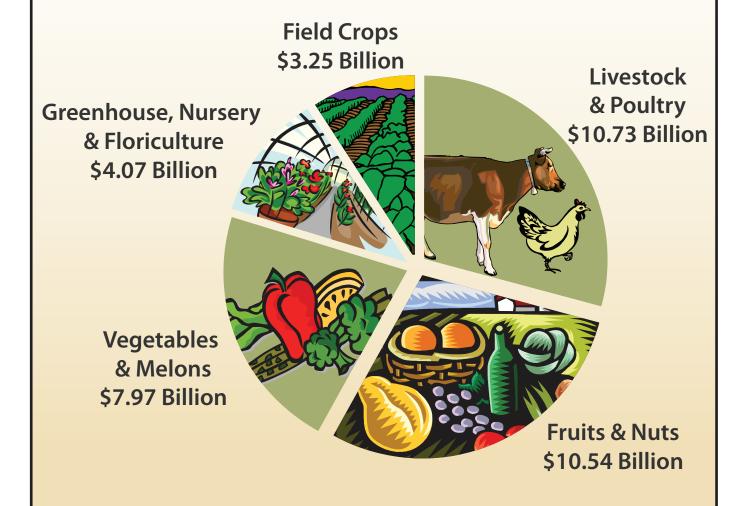
Lesson 1 **California's Cash Crops** 2 Ecosystem Services: Decomposition 4 3 4 Lesson 2 **Energy for Survival Visual Aids** Lesson 3 **The Chain Game** None required for this lesson. Lesson 4 **Energy: The Source** 8 Lesson 5 **Natural Systems: The Source of it All** Oaks of California: Coast Live Oak

Oaks of California: Scrub Oak 13
Oaks of California: Valley Oak 14

13

VA #1 California's Agicultural Income, 2007

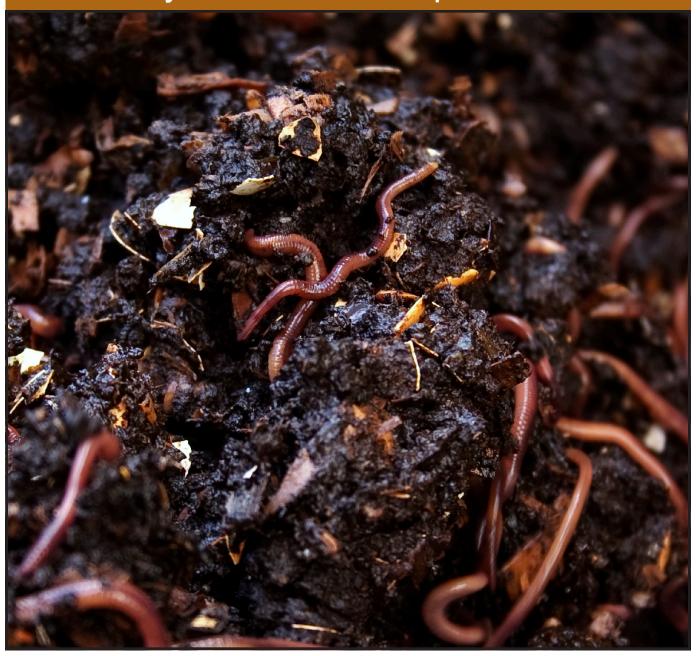
\$36.6 Billion

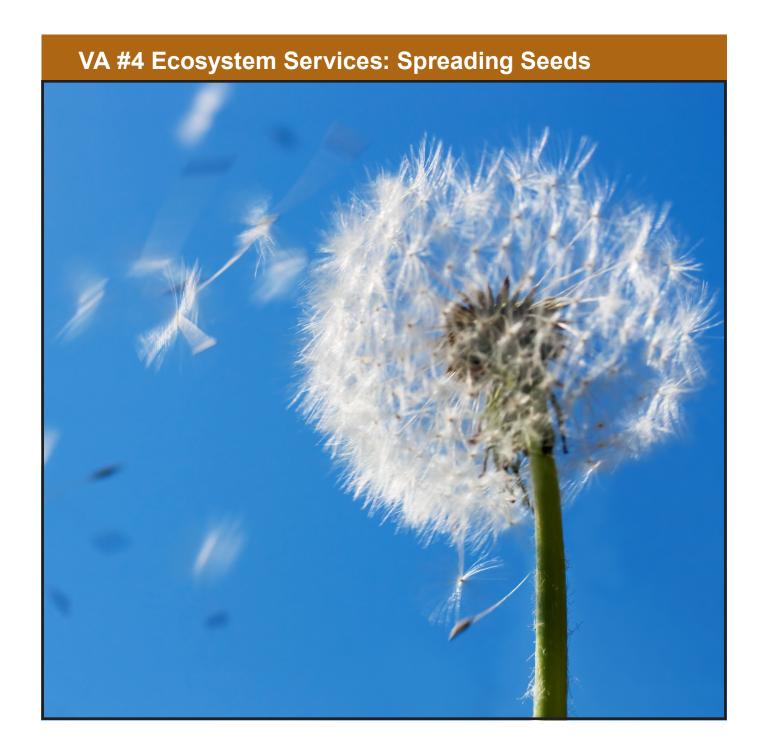


Source: California's Gross Cash Receipts, 2007, California Department of Food and Agriculture, California Agriculture Resource Directory 2008–2009



VA #3 Ecosystem Services: Decomposition





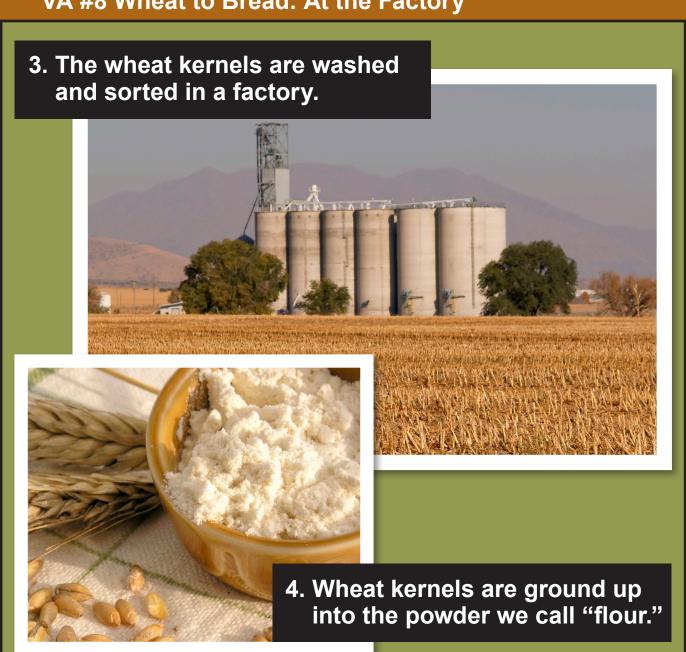


VA #6 Classroom Inventory							
Things in the Classroom	Living?	What it Does	Survival Needs				

VA #7 Wheat to Bread: Grass Seeds

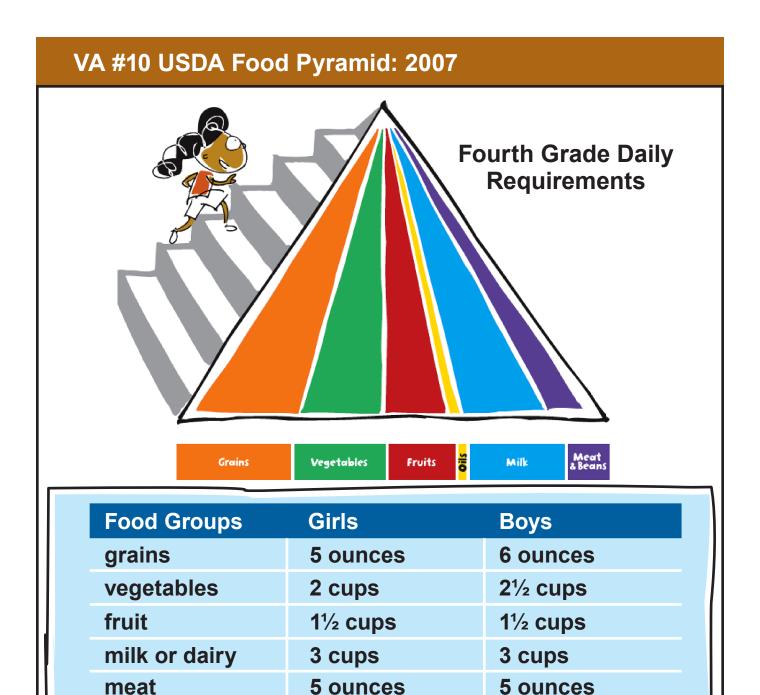


VA #8 Wheat to Bread: At the Factory

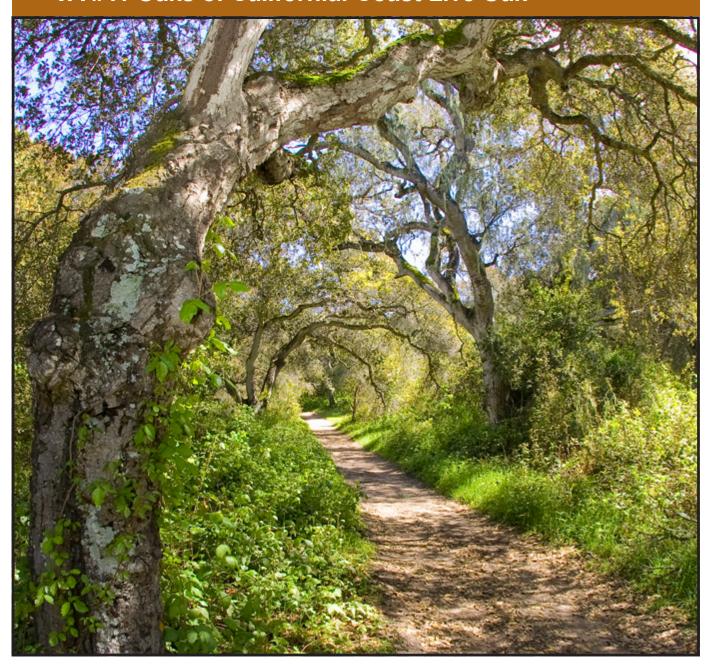




the store and eat it with a meal.







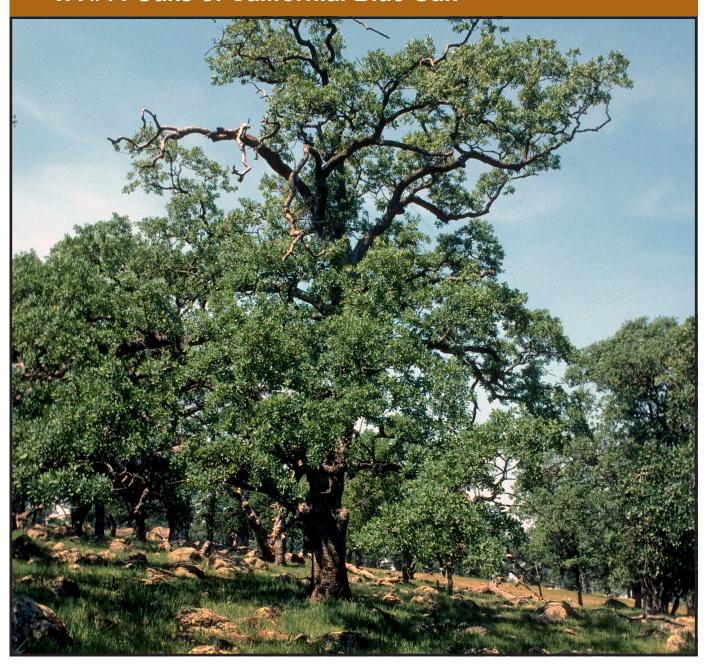








VA #14 Oaks of California: Blue Oak







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